

FIG.1
CONVENTIONAL ART

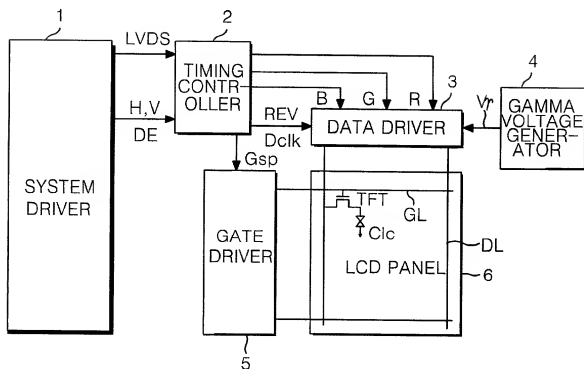


FIG.2
CONVENTIONAL ART

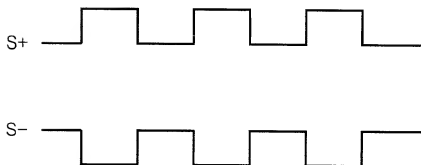


FIG.3
CONVENTIONAL ART

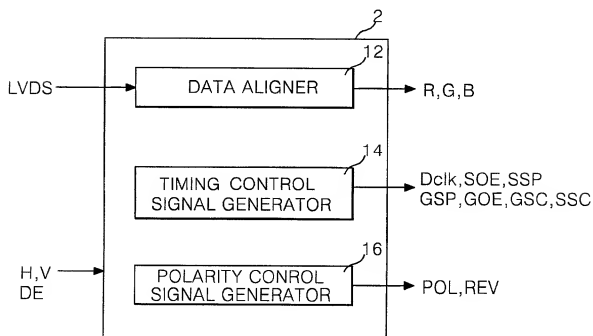


FIG. 4A
CONVENTIONAL ART

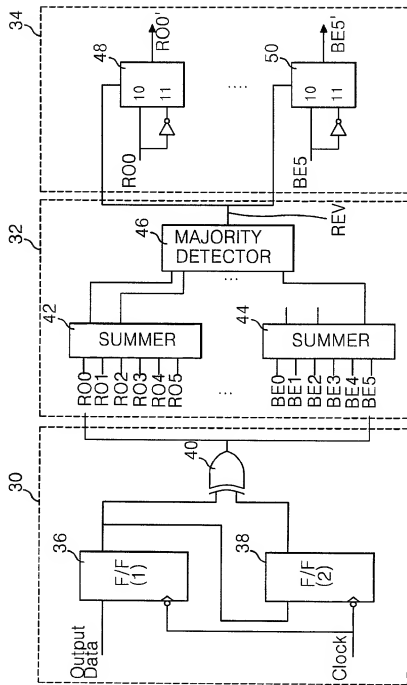


FIG. 4B
CONVENTIONAL ART

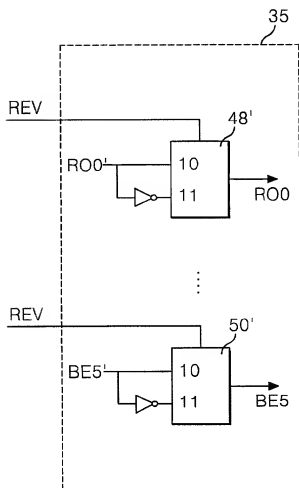


FIG.5
CONVENTIONAL ART

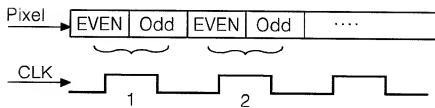


FIG. 5
CONVENTIONAL ART
Pixel
CLK
1
2
EVEN
Odd
EVEN
Odd
....

FIG. 6

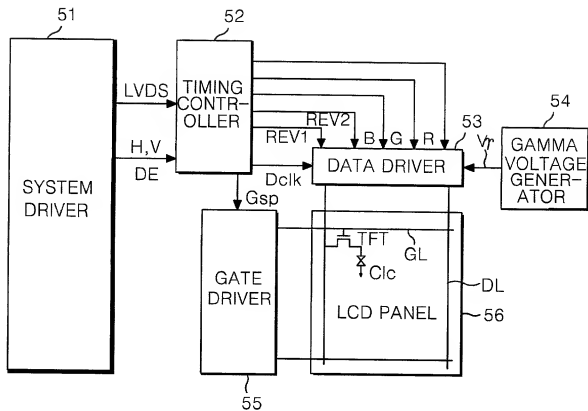


FIG. 7

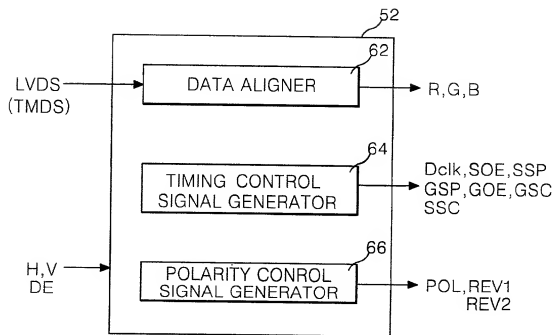


FIG. 8A

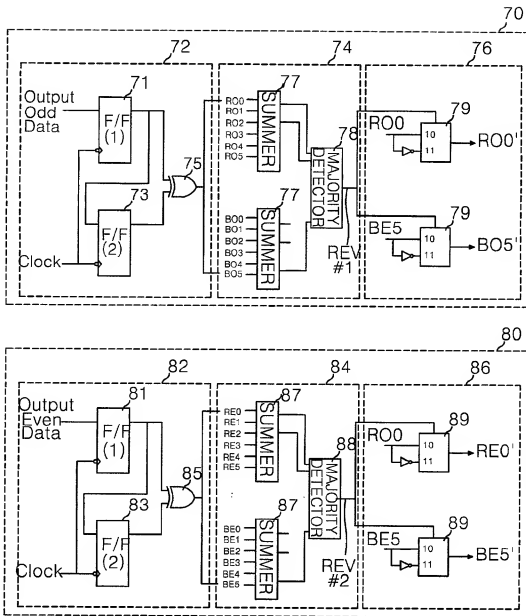


FIG. 8B

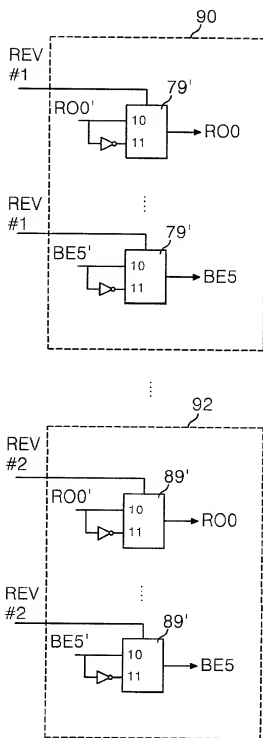


FIG.9

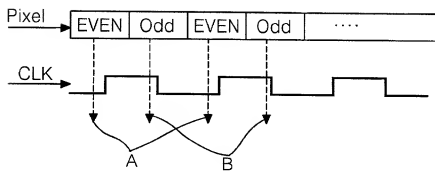


FIG. 10

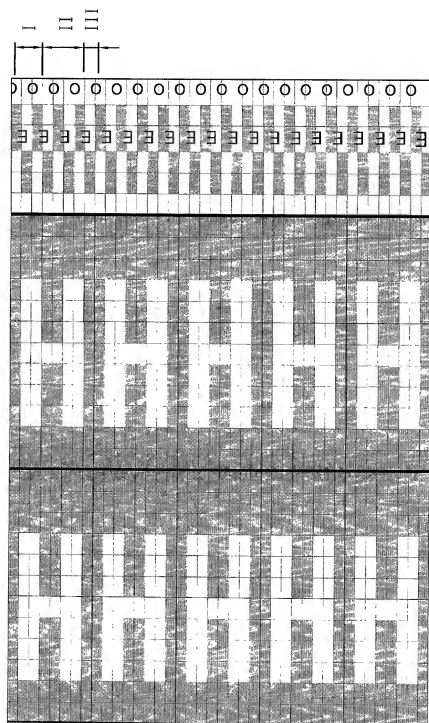


FIG.11

	D _n	D _{n-1}	D _{n-2}	D _{n-3}	D _{n-4}	D _{n-5}	D _{n-6}	D _{n-7}	D _{n-8}
RE0	1	0	0	0	1	0	0	0	1
RE1	1	0	0	0	1	0	0	0	1
RE2	1	0	0	0	1	0	0	0	1
RE3	1	0	0	0	1	0	0	0	1
RE4	1	0	0	0	1	0	0	0	1
RE5	1	0	0	0	1	0	0	0	1
GE0	1	0	0	0	1	0	0	0	1
GE1	1	0	0	0	1	0	0	0	1
GE2	1	0	0	0	1	0	0	0	1
GE3	1	0	0	0	1	0	0	0	1
GE4	1	0	0	0	1	0	0	0	1
GE5	1	0	0	0	1	0	0	0	1
BE0	1	0	0	0	1	0	0	0	1
BE1	1	0	0	0	1	0	0	0	1
BE2	1	0	0	0	1	0	0	0	1
BE3	1	0	0	0	1	0	0	0	1
BE4	1	0	0	0	1	0	0	0	1
BE5	1	0	0	0	1	0	0	0	1
RO0	0	0	0	1	0	0	0	1	0
RO1	0	0	0	1	0	0	0	1	0
RO2	0	0	0	1	0	0	0	1	0
RO3	0	0	0	1	0	0	0	1	0
RO4	0	0	0	1	0	0	0	1	0
RO5	0	0	0	1	0	0	0	1	0
GO0	0	0	0	1	0	0	0	1	0
GO1	0	0	0	1	0	0	0	1	0
GO2	0	0	0	1	0	0	0	1	0
GO3	0	0	0	1	0	0	0	1	0
GO4	0	0	0	1	0	0	0	1	0
GO5	0	0	0	1	0	0	0	1	0
BO0	0	0	0	1	0	0	0	1	0
BO1	0	0	0	1	0	0	0	1	0
BO2	0	0	0	1	0	0	0	1	0
BO3	0	0	0	1	0	0	0	1	0
BO4	0	0	0	1	0	0	0	1	0
BO5	0	0	0	1	0	0	0	1	0

DATA OUTPUT UPON REV OFF

FIG.12

	Dn	Dn-1	Dn-2	Dn-3	Dn-4	Dn-5	Dn-6	Dn-7	Dn-8
RE0	0	1	1	0	0	1	1	1	1
RE1	0	1	1	0	0	1	1	1	1
RE2	0	1	1	0	0	1	1	1	1
RE3	0	1	1	0	0	1	1	1	1
RE4	0	1	1	0	0	1	1	1	1
RE5	0	1	1	0	0	1	1	1	1
GE0	0	1	1	0	0	1	1	1	1
GE1	0	1	1	0	0	1	1	1	1
GE2	0	1	1	0	0	1	1	1	1
GE3	0	1	1	0	0	1	1	1	1
GE4	0	1	1	0	0	1	1	1	1
GE5	0	1	1	0	0	1	1	1	1
BE0	0	1	1	0	0	1	1	1	1
BE1	0	1	1	0	0	1	1	1	1
BE2	0	1	1	0	0	1	1	1	1
BE3	0	1	1	0	0	1	1	1	1
BE4	0	1	1	0	0	1	1	1	1
BE5	0	1	1	0	0	1	1	1	1
RO0	1	1	1	1	1	1	1	0	0
RO1	1	1	1	1	1	1	1	0	0
RO2	1	1	1	1	1	1	1	0	0
RO3	1	1	1	1	1	1	1	0	0
RO4	1	1	1	1	1	1	1	0	0
RO5	1	1	1	1	1	1	1	0	0
GO0	1	1	1	1	1	1	1	0	0
GO1	1	1	1	1	1	1	1	0	0
GO2	1	1	1	1	1	1	1	0	0
GO3	1	1	1	1	1	1	1	0	0
GO4	1	1	1	1	1	1	1	0	0
GO5	1	1	1	1	1	1	1	0	0
BO0	1	1	1	1	1	1	1	0	0
BO1	1	1	1	1	1	1	1	0	0
BO2	1	1	1	1	1	1	1	0	0
BO3	1	1	1	1	1	1	1	0	0
BO4	1	1	1	1	1	1	1	0	0
	Dn	Dn-1	Dn-2	Dn-3	Dn-4	Dn-5	Dn-6	Dn-7	Dn-8

DATA OUTPUT UPON REV ON

FIG.13

	Dn	Dn-1	Dn-2	Dn-3	Dn-4	Dn-5	Dn-6	Dn-7	Dn-8
RE0	1	1	1	1	1	1	1	1	1
RE1	1	1	1	1	1	1	1	1	1
RE2	1	1	1	1	1	1	1	1	1
RE3	1	1	1	1	1	1	1	1	1
RE4	1	1	1	1	1	1	1	1	1
RE5	1	1	1	1	1	1	1	1	1
GE0	1	1	1	1	1	1	1	1	1
GE1	1	1	1	1	1	1	1	1	1
GE2	1	1	1	1	1	1	1	1	1
GE3	1	1	1	1	1	1	1	1	1
GE4	1	1	1	1	1	1	1	1	1
GE5	1	1	1	1	1	1	1	1	1
BE0	1	1	1	1	1	1	1	1	1
BE1	1	1	1	1	1	1	1	1	1
BE2	1	1	1	1	1	1	1	1	1
BE3	1	1	1	1	1	1	1	1	1
BE4	1	1	1	1	1	1	1	1	1
BE5	1	1	1	1	1	1	1	1	1
RO0	0	0	0	0	0	0	0	0	0
RO1	0	0	0	0	0	0	0	0	0
RO2	0	0	0	0	0	0	0	0	0
RO3	0	0	0	0	0	0	0	0	0
RO4	0	0	0	0	0	0	0	0	0
RO5	0	0	0	0	0	0	0	0	0
GO0	0	0	0	0	0	0	0	0	0
GO1	0	0	0	0	0	0	0	0	0
GO2	0	0	0	0	0	0	0	0	0
GO3	0	0	0	0	0	0	0	0	0
GO4	0	0	0	0	0	0	0	0	0
GO5	0	0	0	0	0	0	0	0	0
BO0	0	0	0	0	0	0	0	0	0
BO1	0	0	0	0	0	0	0	0	0
BO2	0	0	0	0	0	0	0	0	0
BO3	0	0	0	0	0	0	0	0	0
BO4	0	0	0	0	0	0	0	0	0
BO5	0	0	0	0	0	0	0	0	0

DATA OUTPUT UPON REV 1,2 DRIVING (DC LEVEL)

FIG.14A

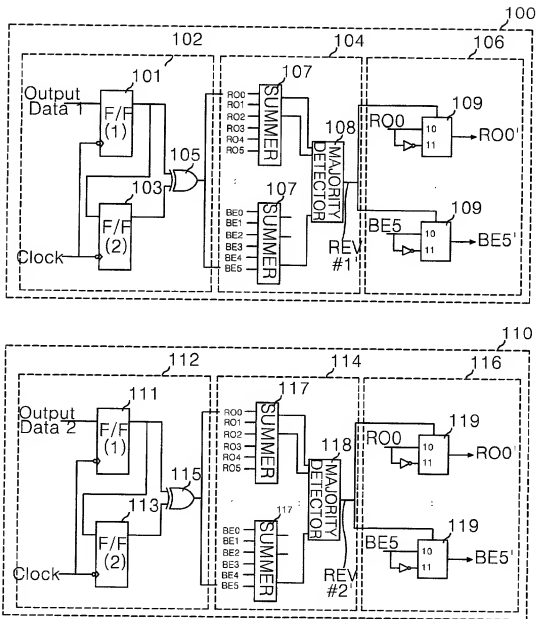


FIG. 14B

